2-Port PoE Gigabit Switch

CyberData
The IP Endpoint Company

The CyberData 2-Port PoE Gigabit switch is designed to expand a single PoE network connection into one or two PoE network ports.

Pass through PoE power

The CyberData 2-Port PoE Gigabit switch is powered from a single 802.3at or 802.3af network switch and passes that power through to one or two of the downstream switch ports.

In the basic configuration, one of the Gigabit down-stream ports can drive a VoIP phone directly with PoE and the other Gigabit port can be connected to a user's PC.

No external power supplies would be required.

Features
- 2-port auto-negotiating (no crossover cable required)
- 10.100.1000 full duplex (PoE-powered)
- Link/Status and connection speed LEDs
- RoHS compliant
- VLAN Packet Forwarding

Power Distribution
- All The PD input can be up to 30W.
  - 802.3af source @ 15W
  - A 802.3at source @ 25W
  - A non-compliant PoE injector up to 30W
- The internal circuits on the splitter takes 2W to operate.
  - With an 802.3af input, 13W are available to share between the two PSE outputs.
  - With an 802.3at input, 23W are available to share between the two PSE outputs.
  - With a non-compliant 30W PoE injector, 28W are available to share between the two PSE outputs.
- Either one or both of the PSE outputs can provide PoE power as long as the overall PSE output wattage is 2W less than the PD input.

Specifications	
Ports	1 PD input port 802.3af or 802.3at 2 PSE port 802.3at (limited PD input)
Dimensions	5.31" L x 3.03" W x 1.06" H
Warranty	2 years
Unit Weight	0.56 lbs.
Standards	IEEE
Modes	10BASE-T, 100BASE-TX, and 1000BASE-T
Input Power	Supplied by either 802.3at or 802.3af
LEDs	Link/Status and Connection Speed
Operating temp.	-10° C to 50° C (14° F to 122° F)

Technical Details
- All ports are 10/100/1000Mbps (10BASE-T, 100BASE-TX, 1000BASE-T) auto sensing based upon the port's individual connection
- Each port has auto MDX - any port can be used as the uplink connection
- Fully compliant to IEEE 802.3x standard
- Automatic address learning, address aging and address migration
- Integrated lookup engine with 4k unicast MAC addresses

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Typical Installation

PoE Power for Phone

802.3af or
802.3at

Non-PoE

Mounting

Mounting Option:

1. Mounting Screw
• Use a size 6 to 8 pan head screw.

2. Adhesive
• Peel off the adhesive backing and
  attach the unit to a suitable surface.

No Power Supply Required